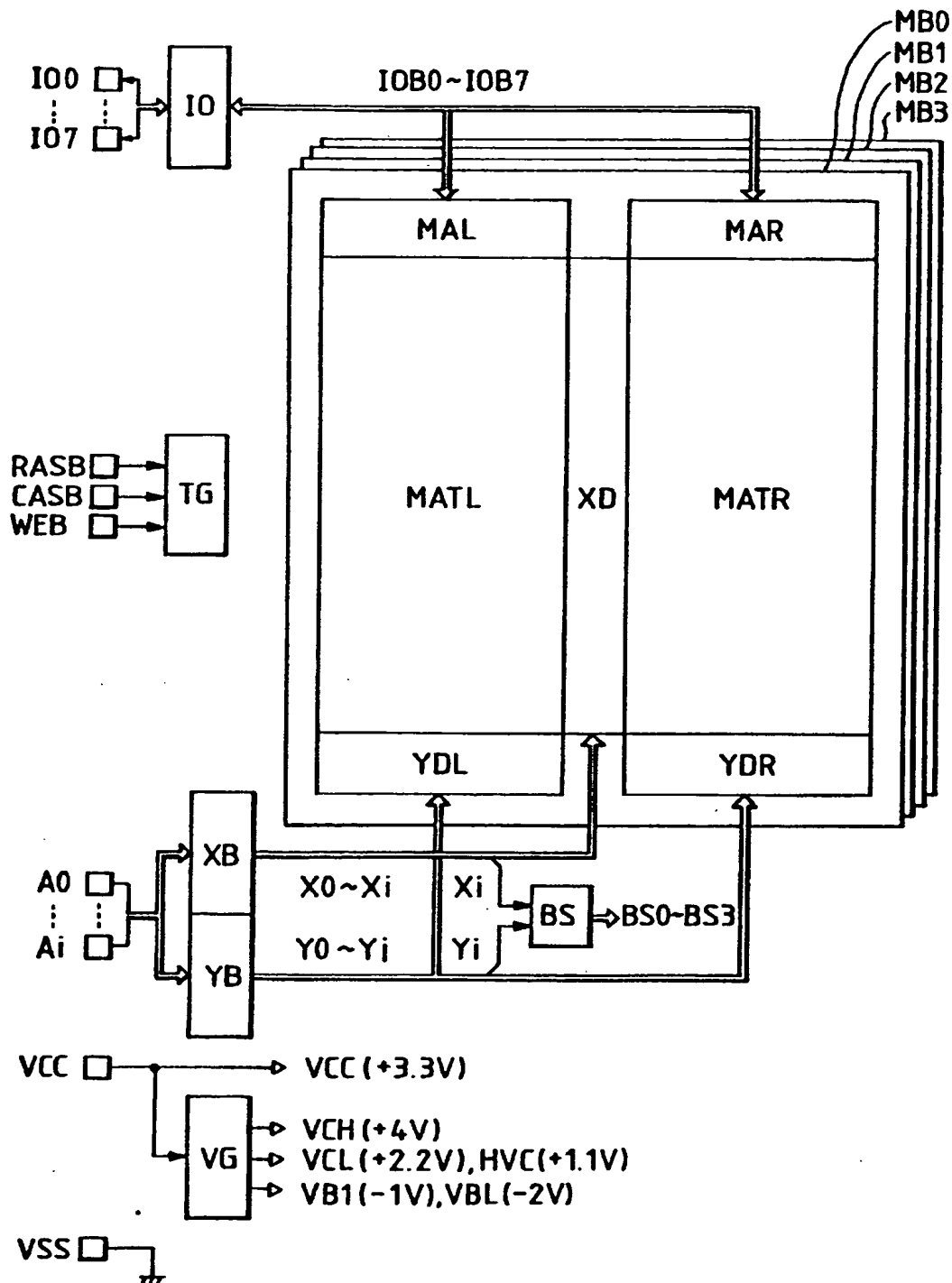


FIG. 1



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FIG. 2

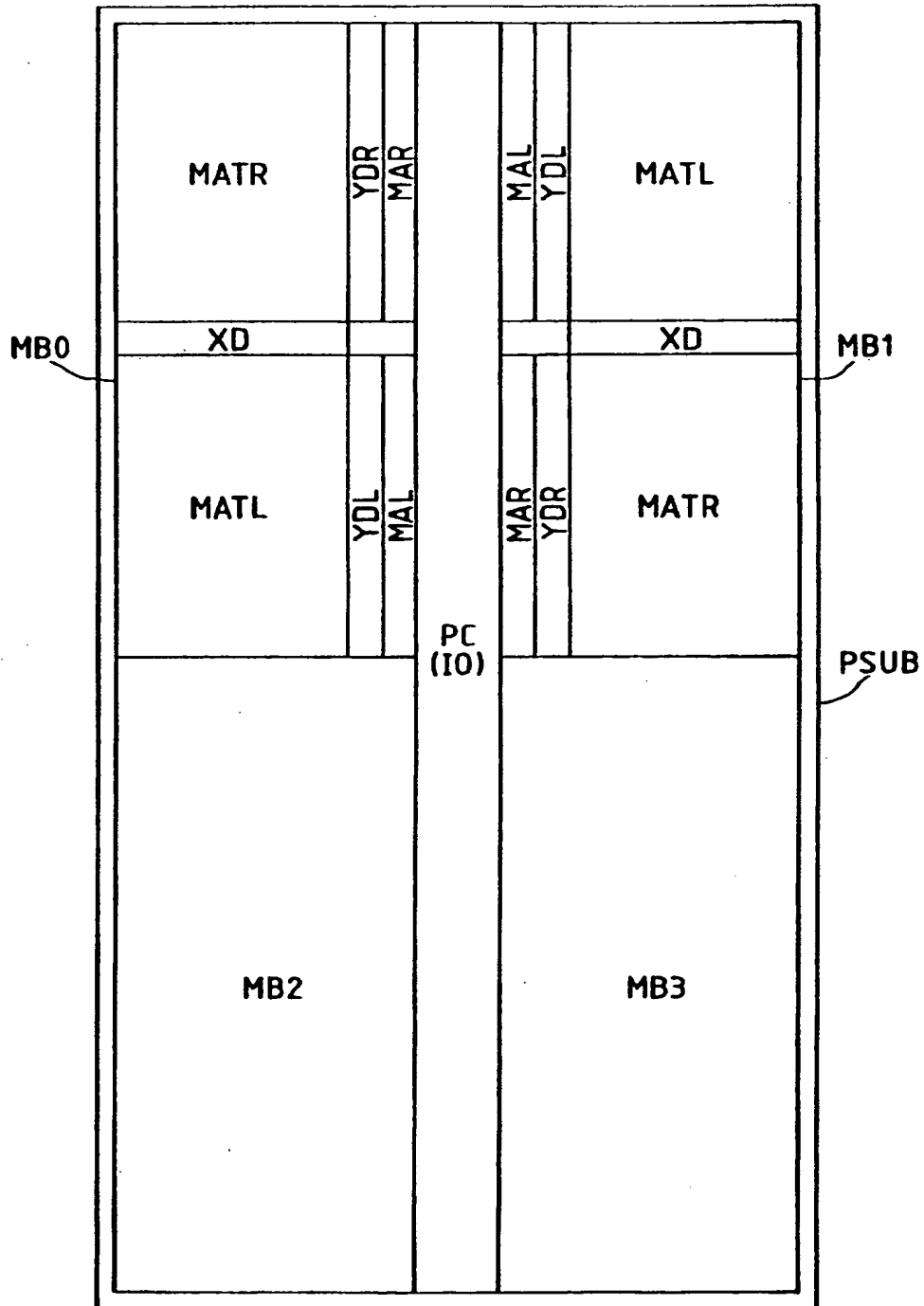
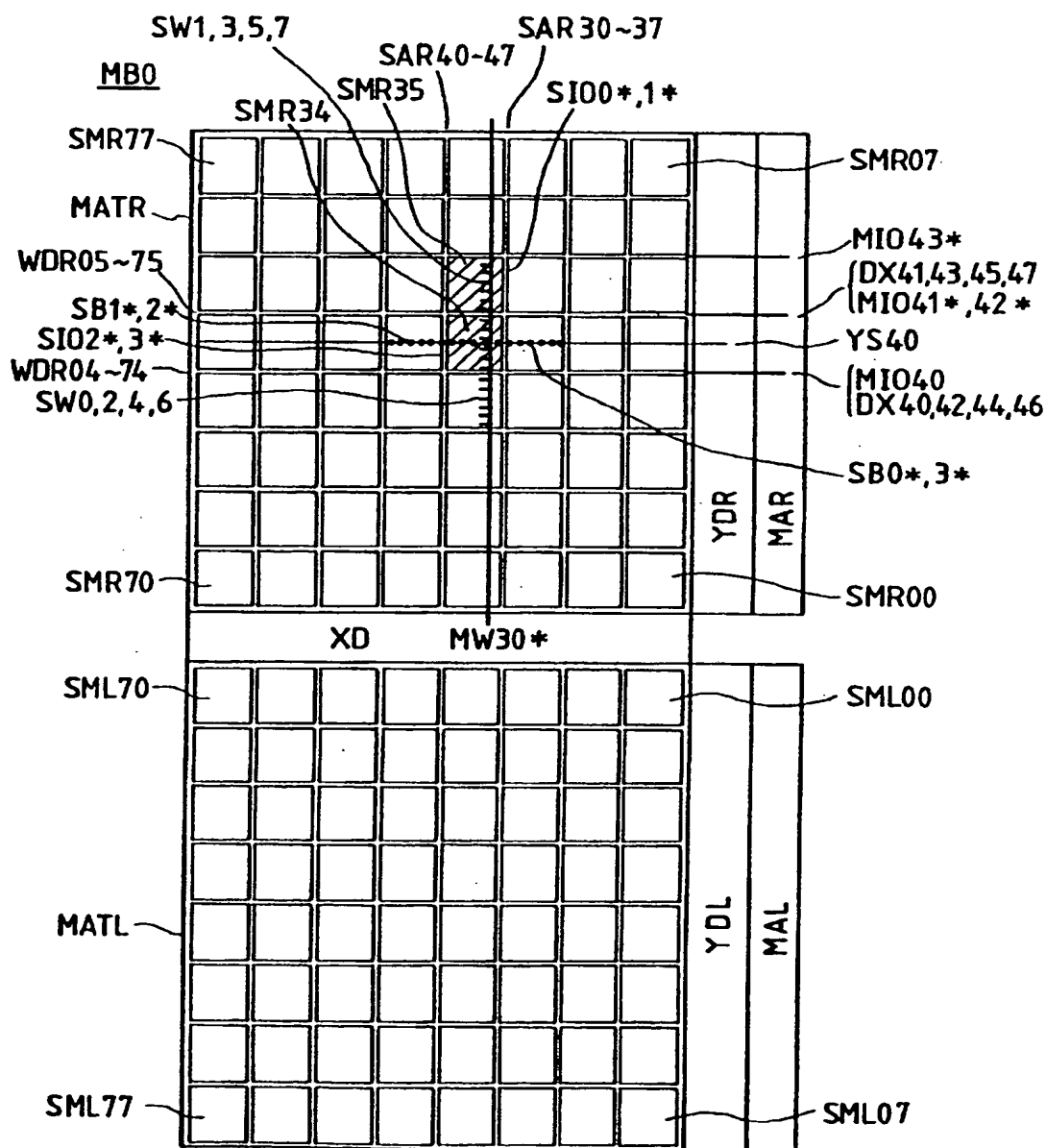


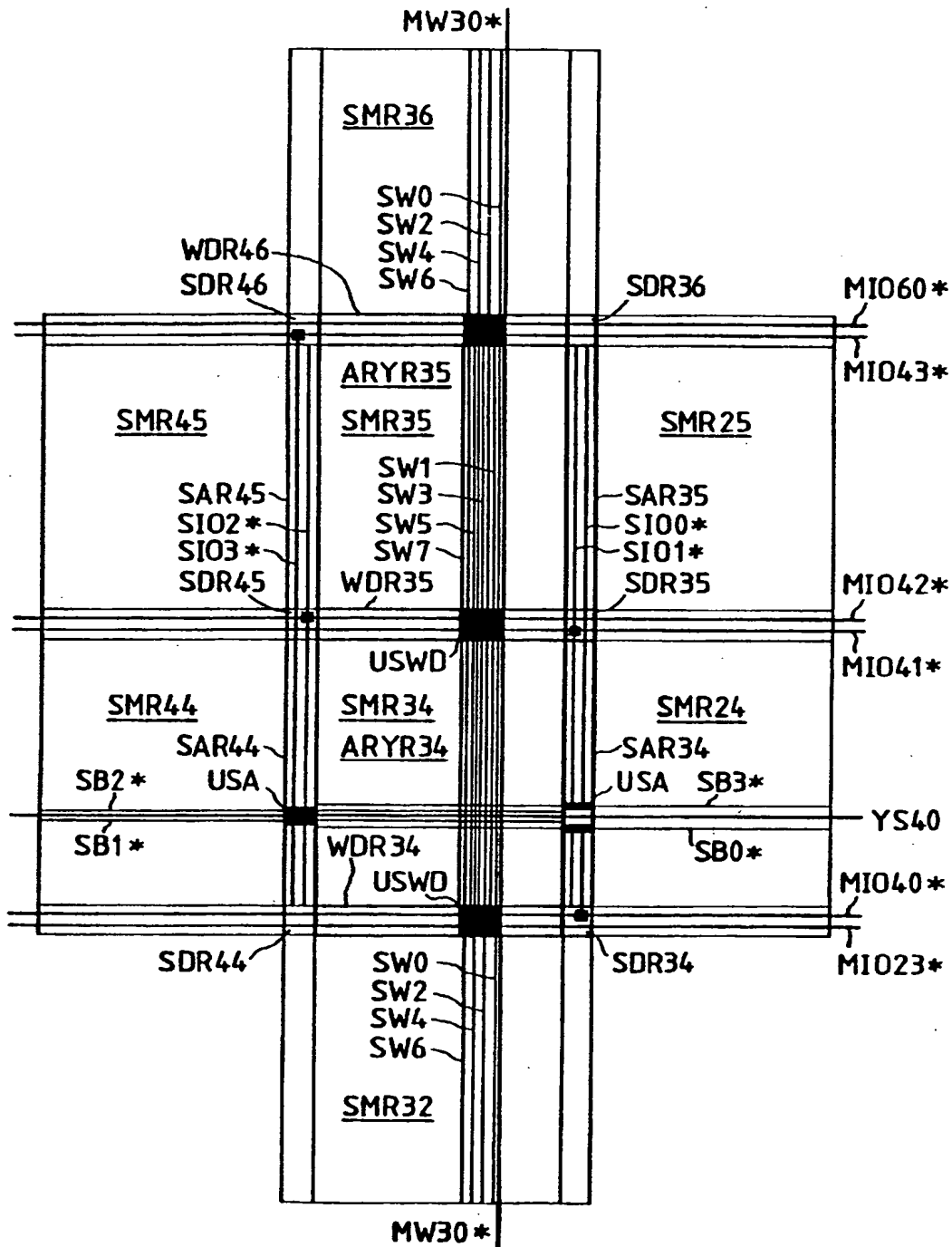
FIG. 2

FIG. 3



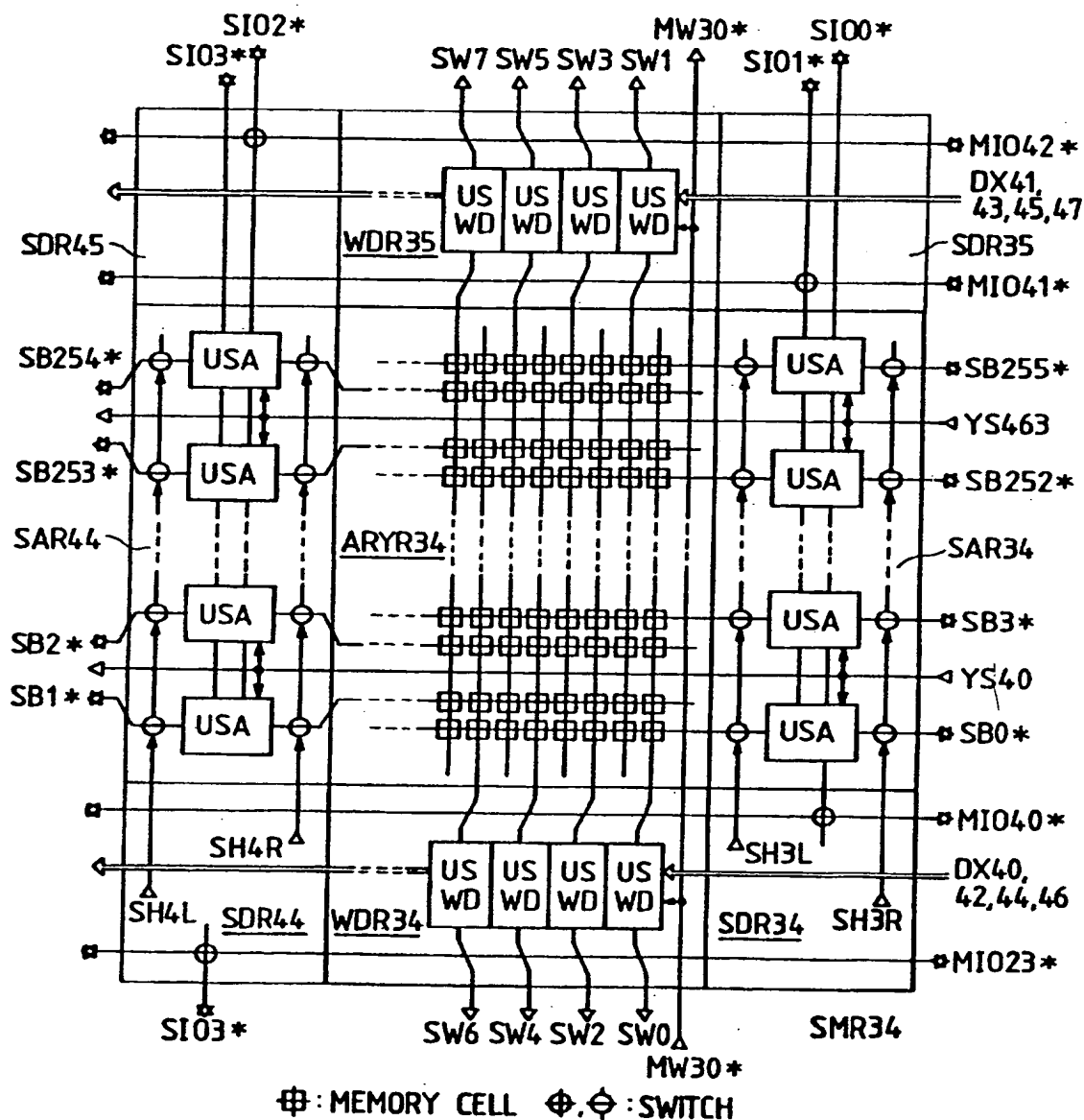
102101-29642660

FIG. 4



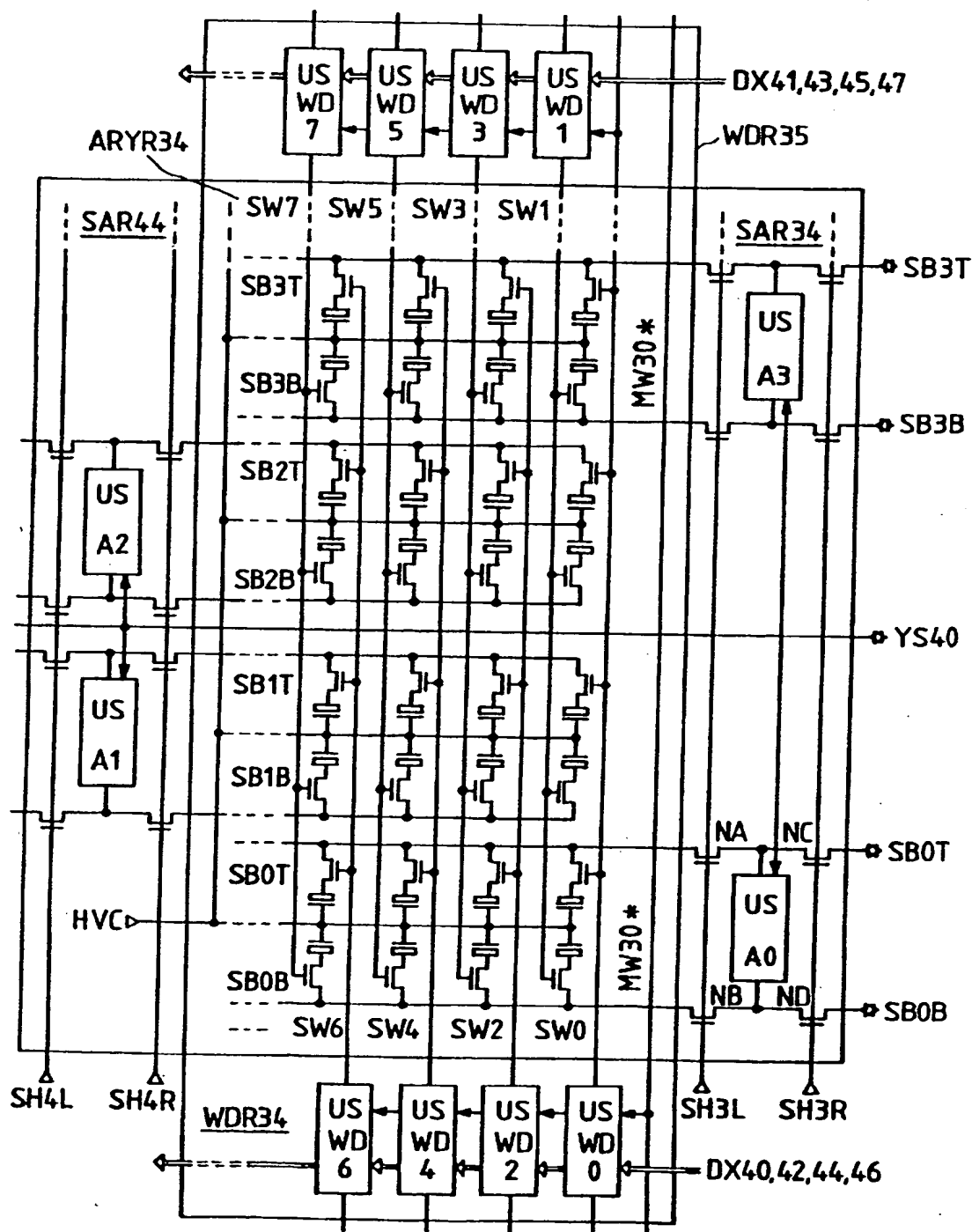
09974962-101001

FIG. 5



09974962-101201

FIG. 6



09974962-101P01

FIG. 7(A)

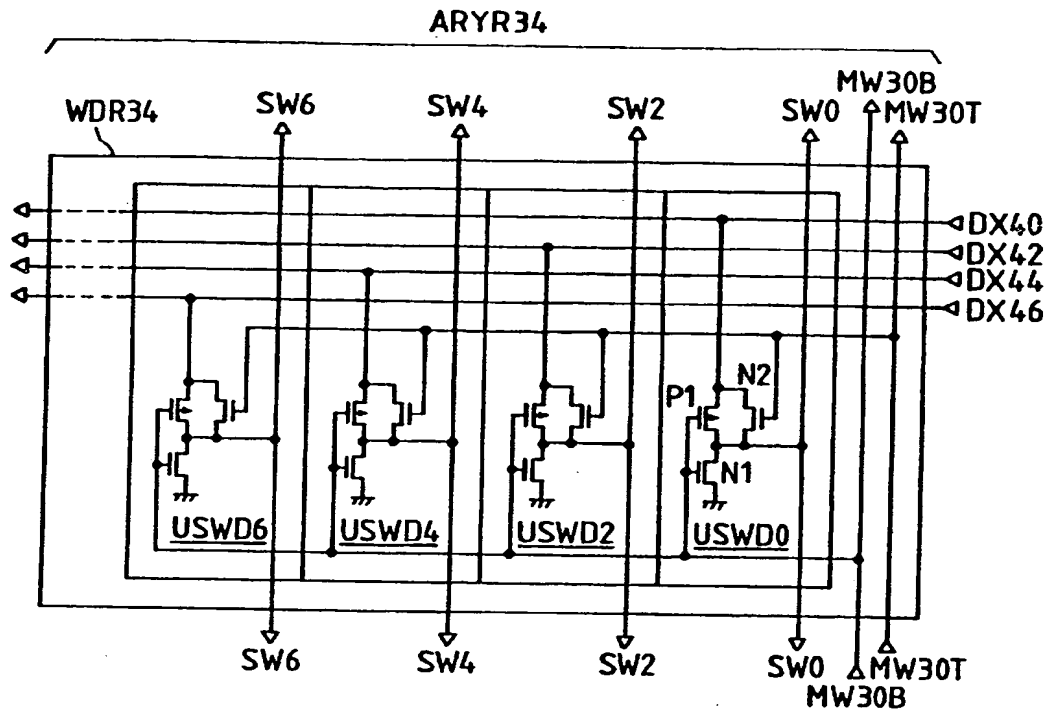
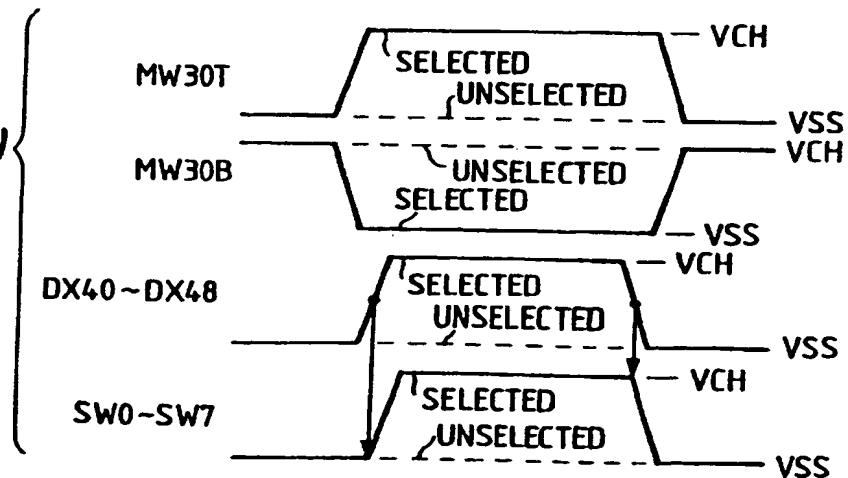


FIG. 7(B)



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FIG. 8(A)

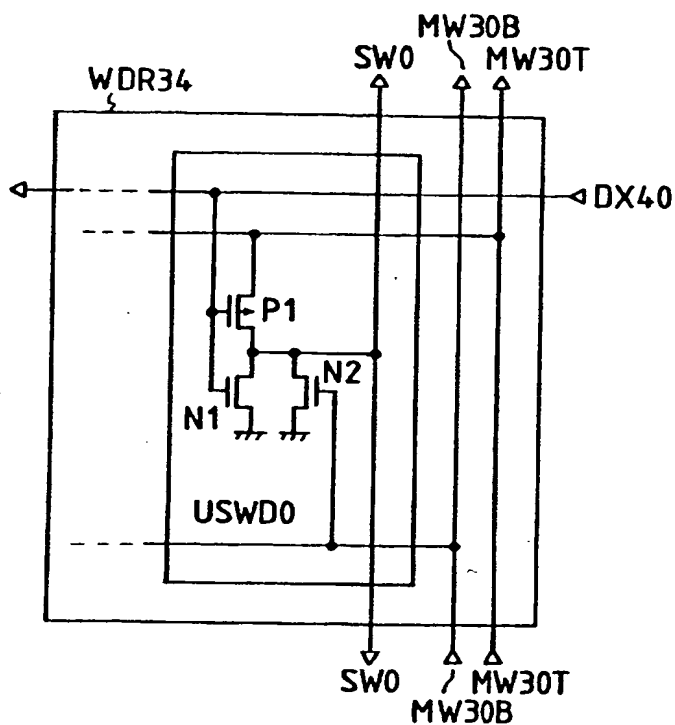


FIG. 8(B)

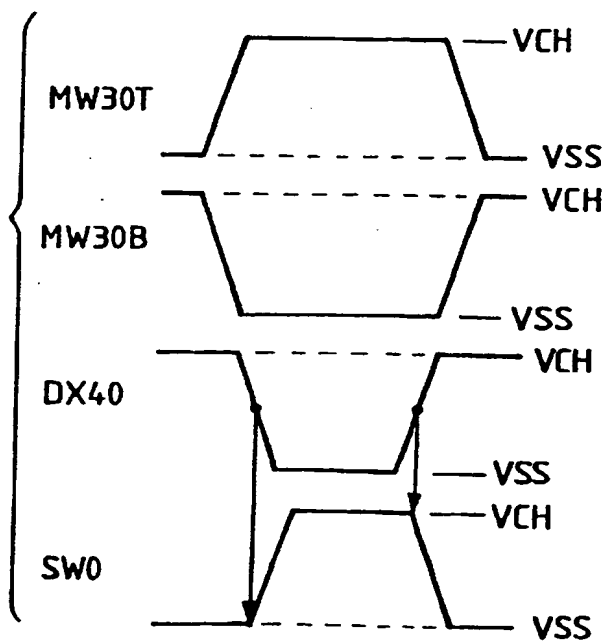


FIG. 8(A)

FIG. 9(A)

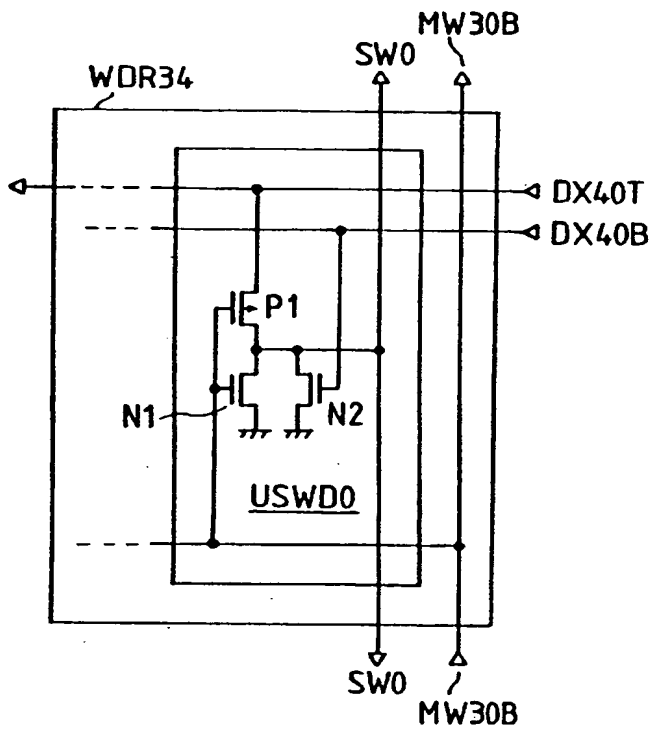


FIG. 9(B)

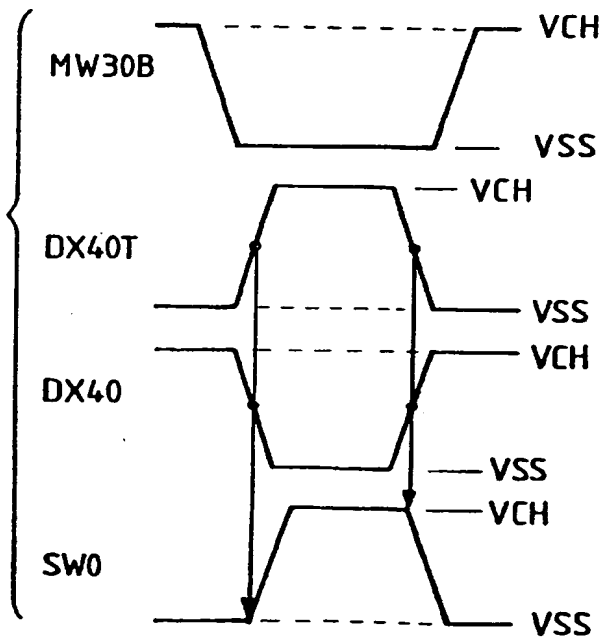


FIG. 9(A)

FIG. 10

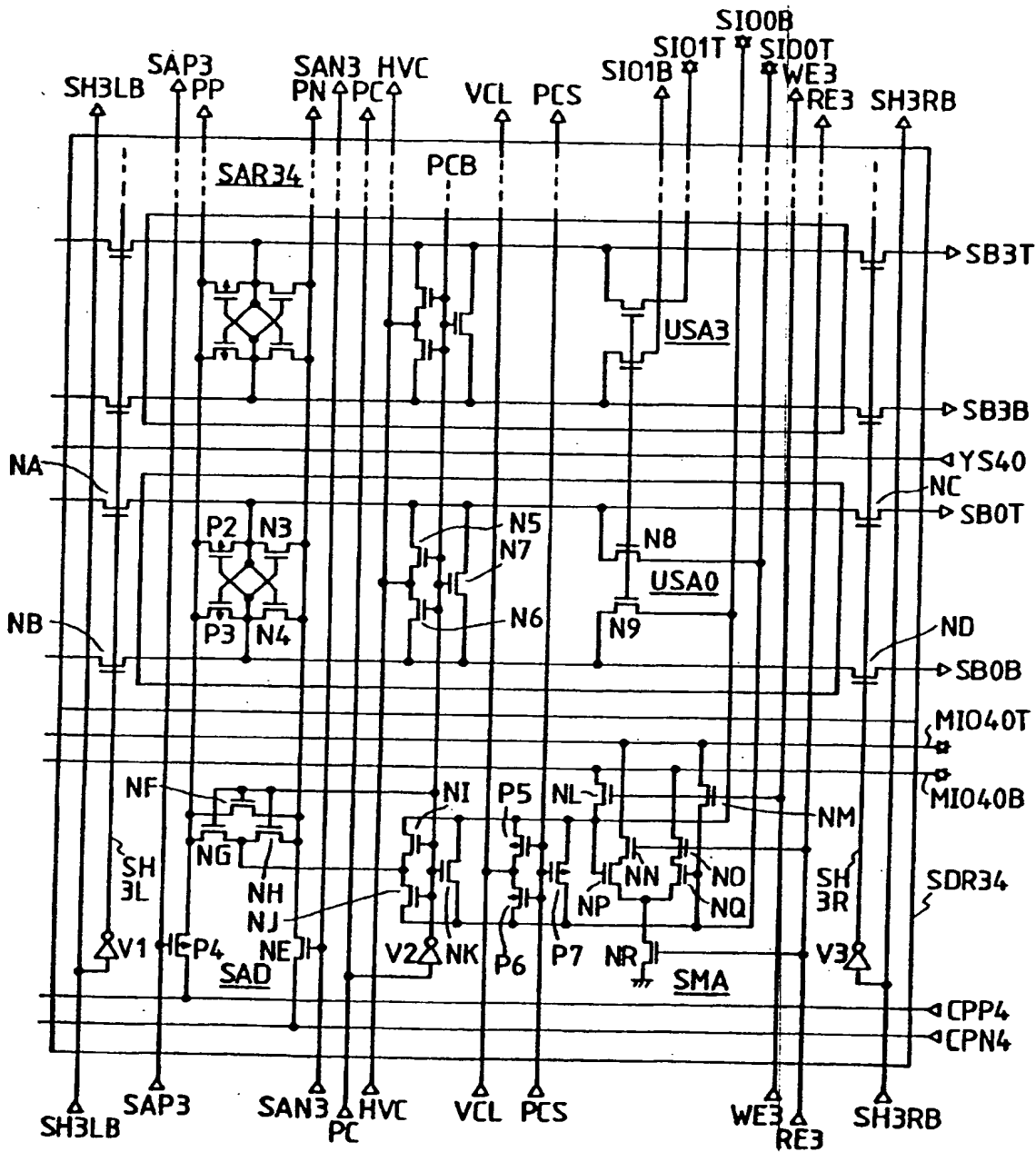


FIG. 10

FIG. 11

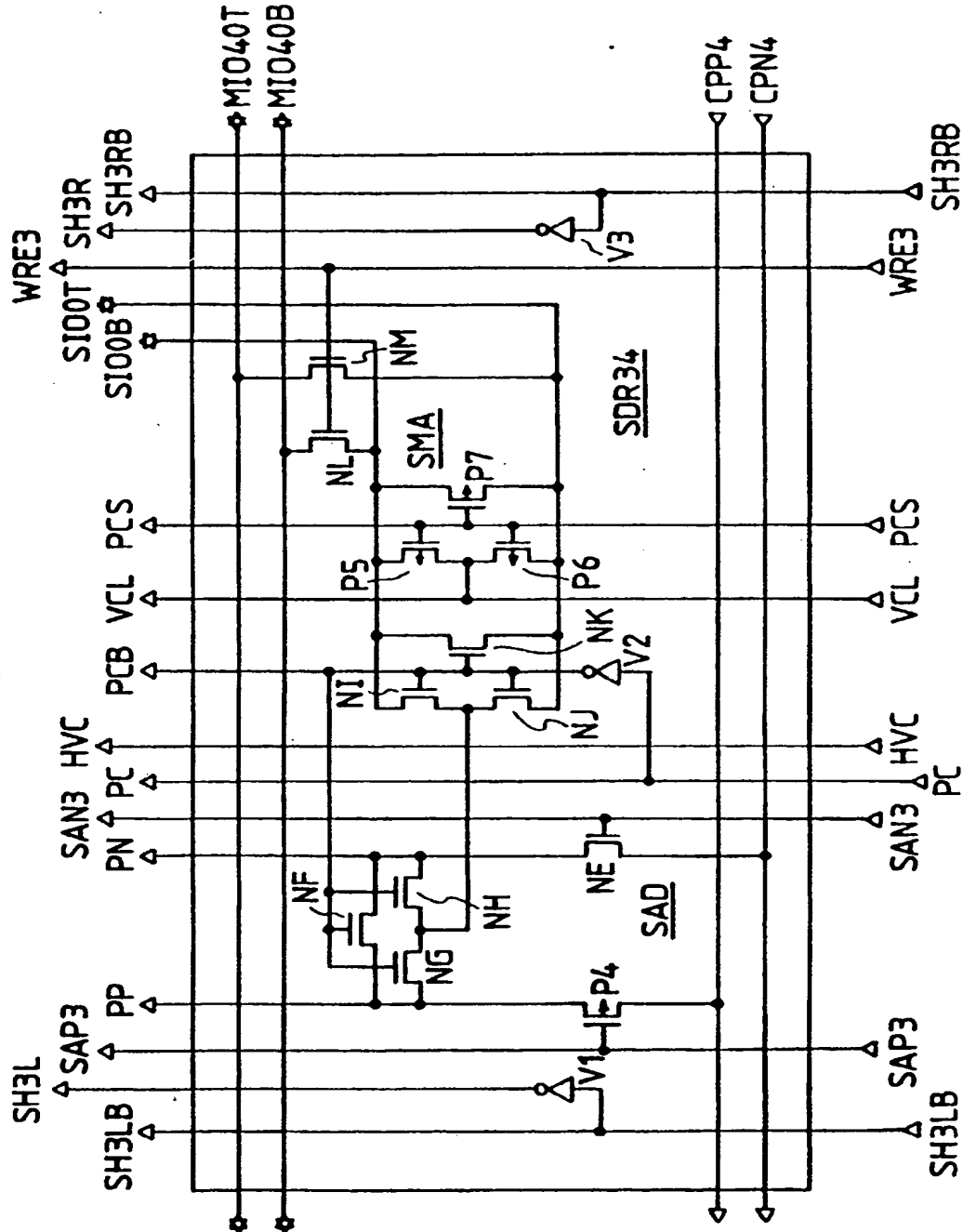


FIG. 12

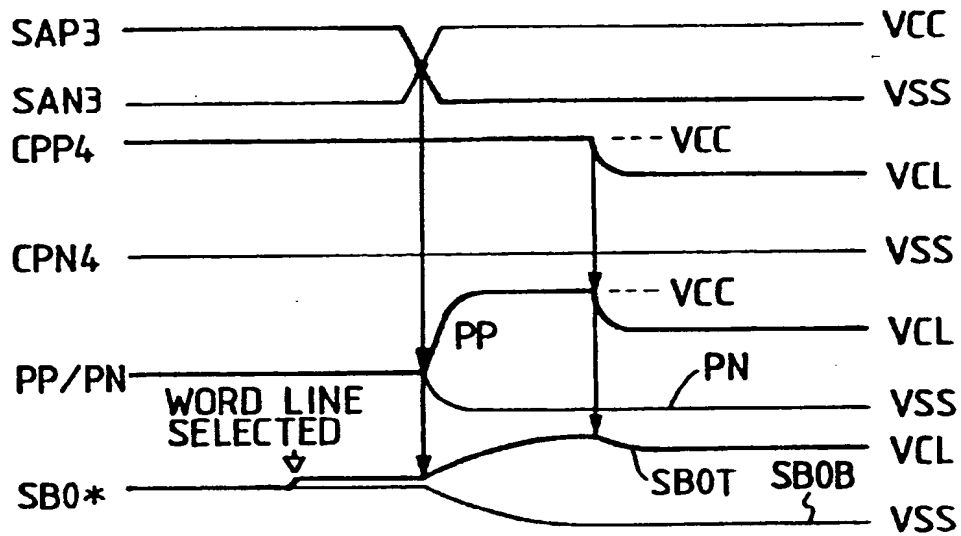
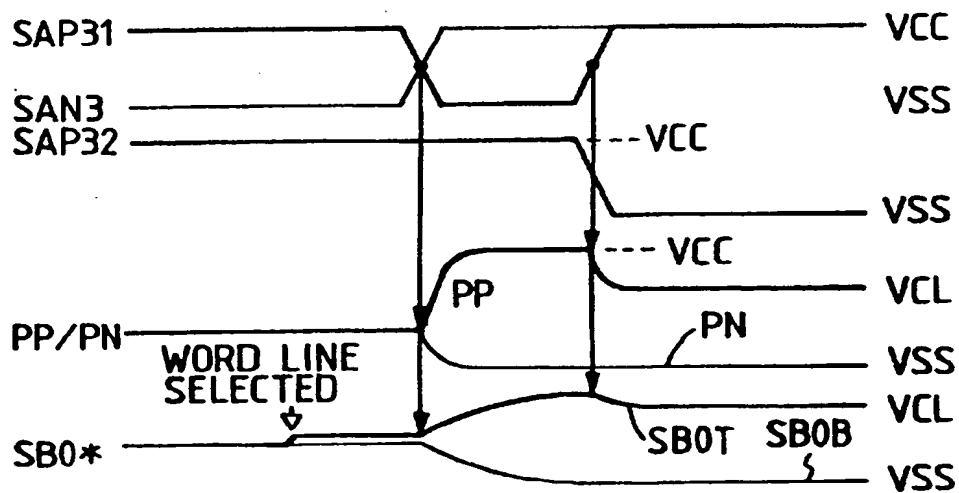


FIG. 14



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FIG. 13

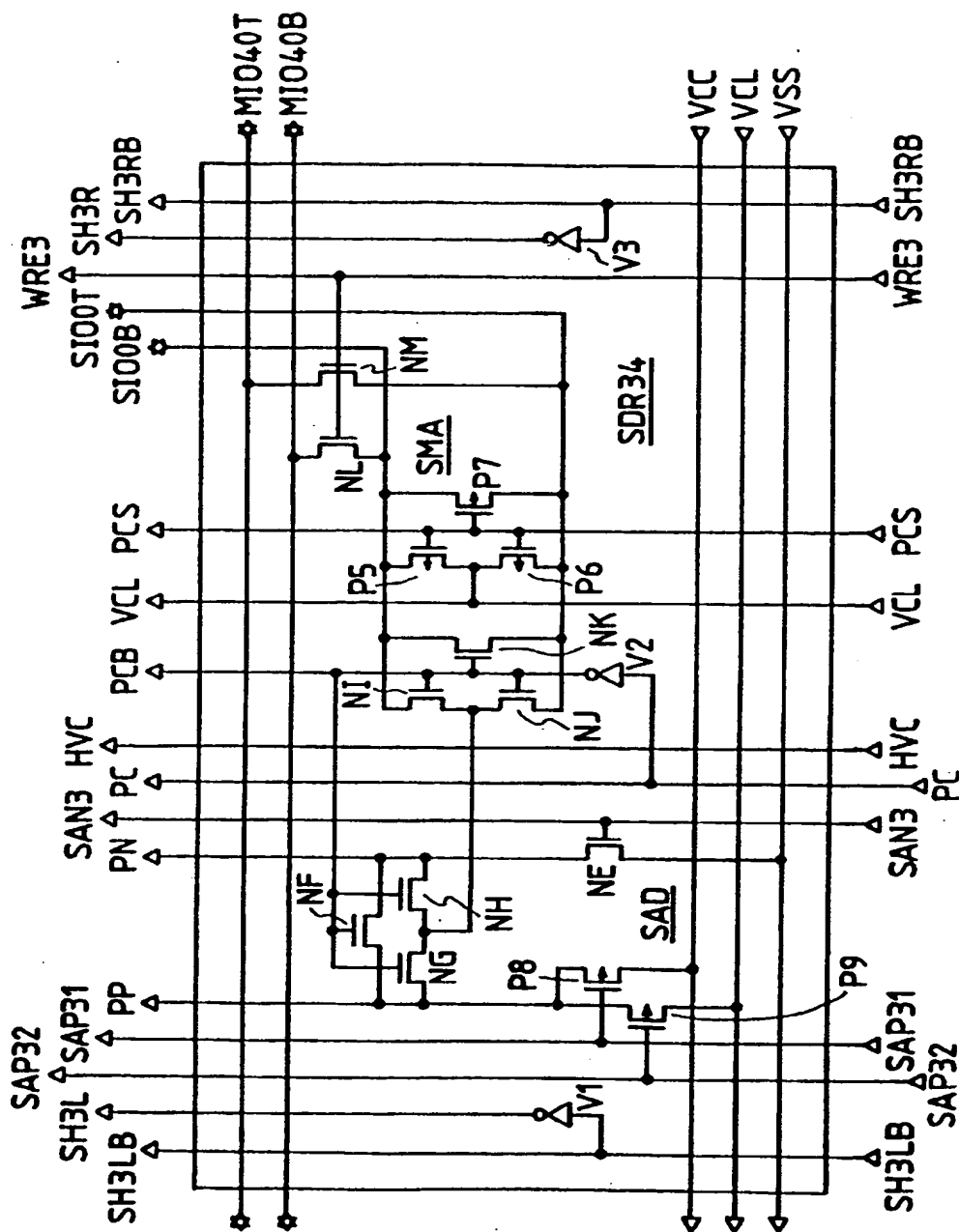
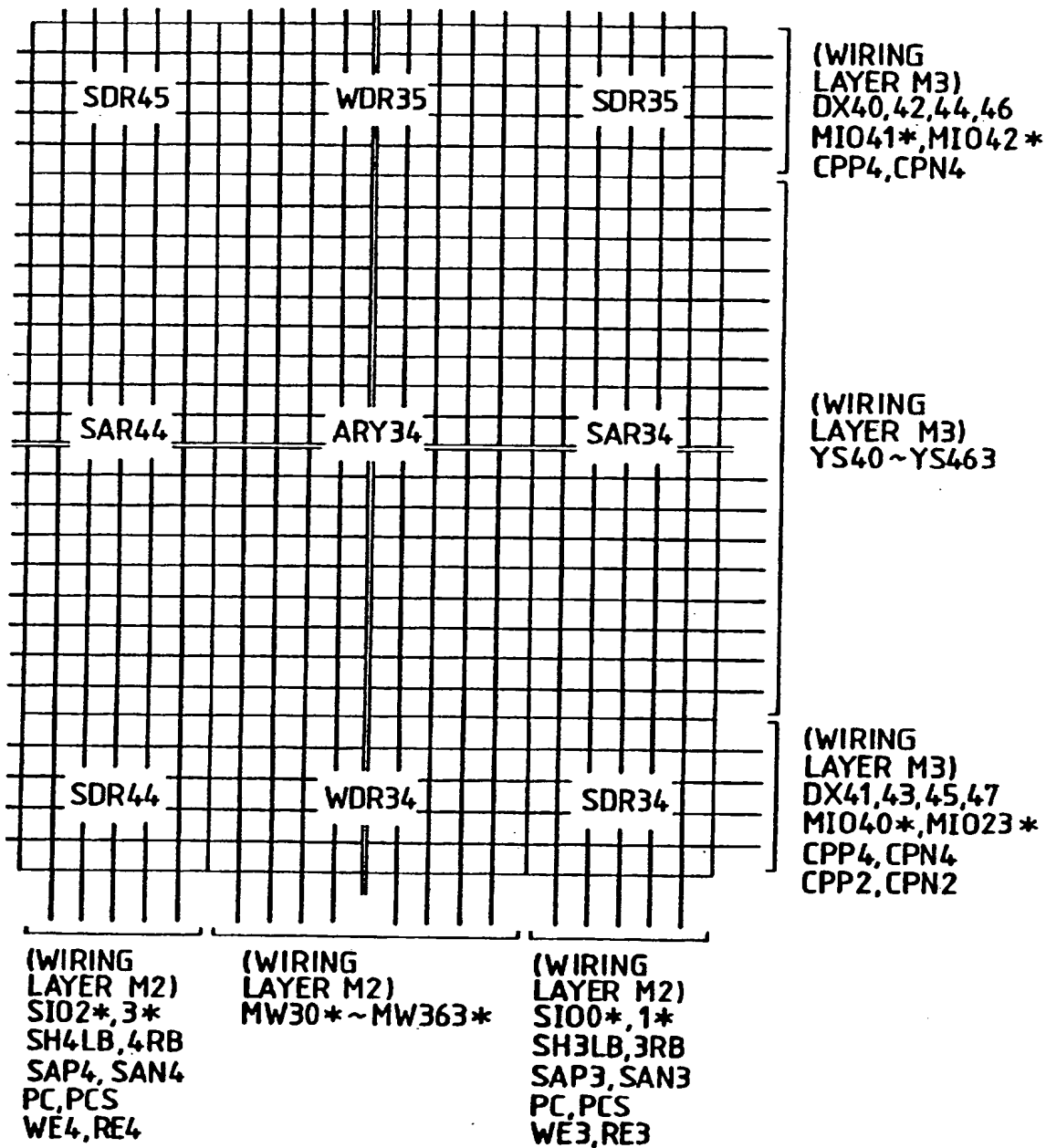
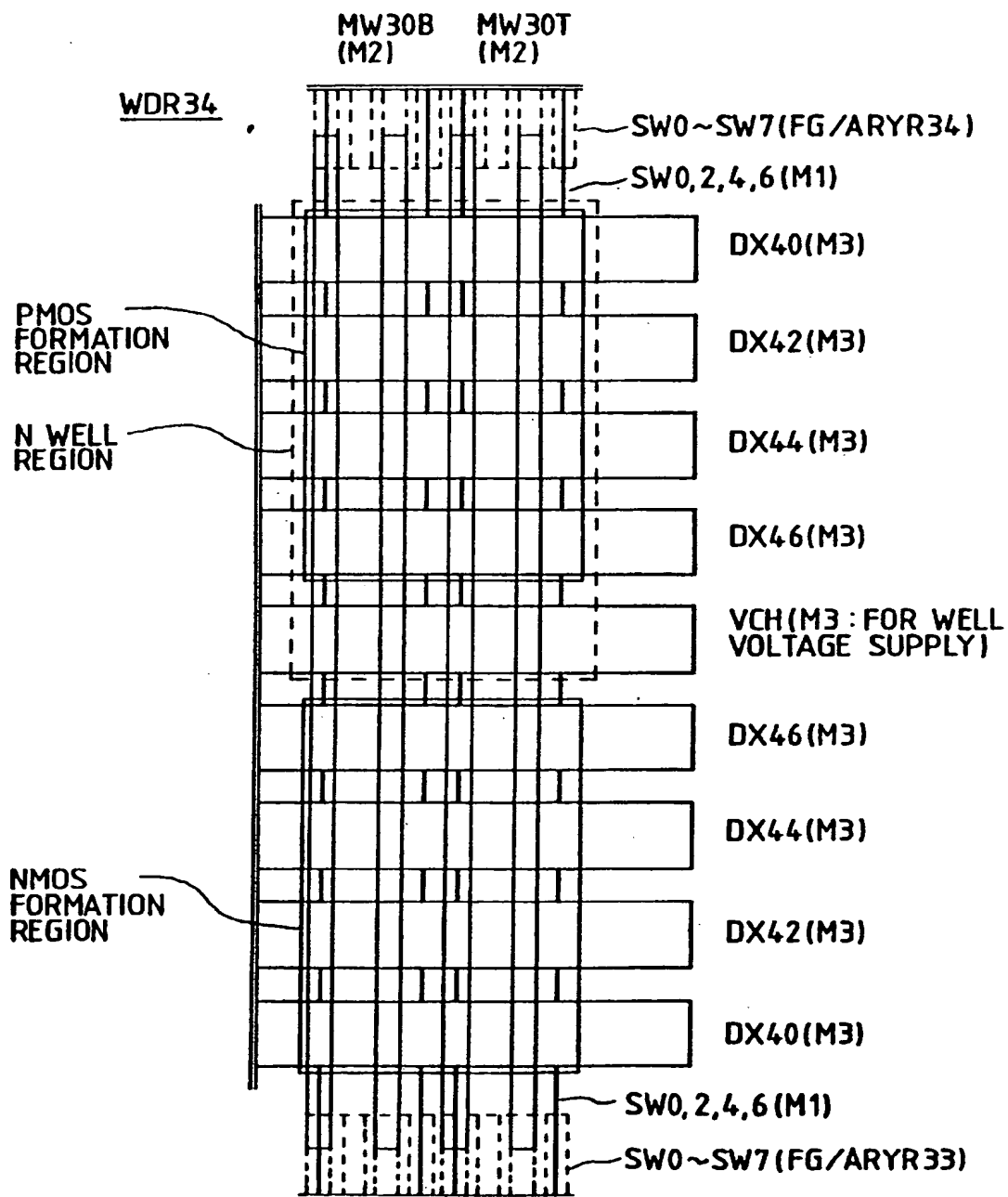


FIG. 15



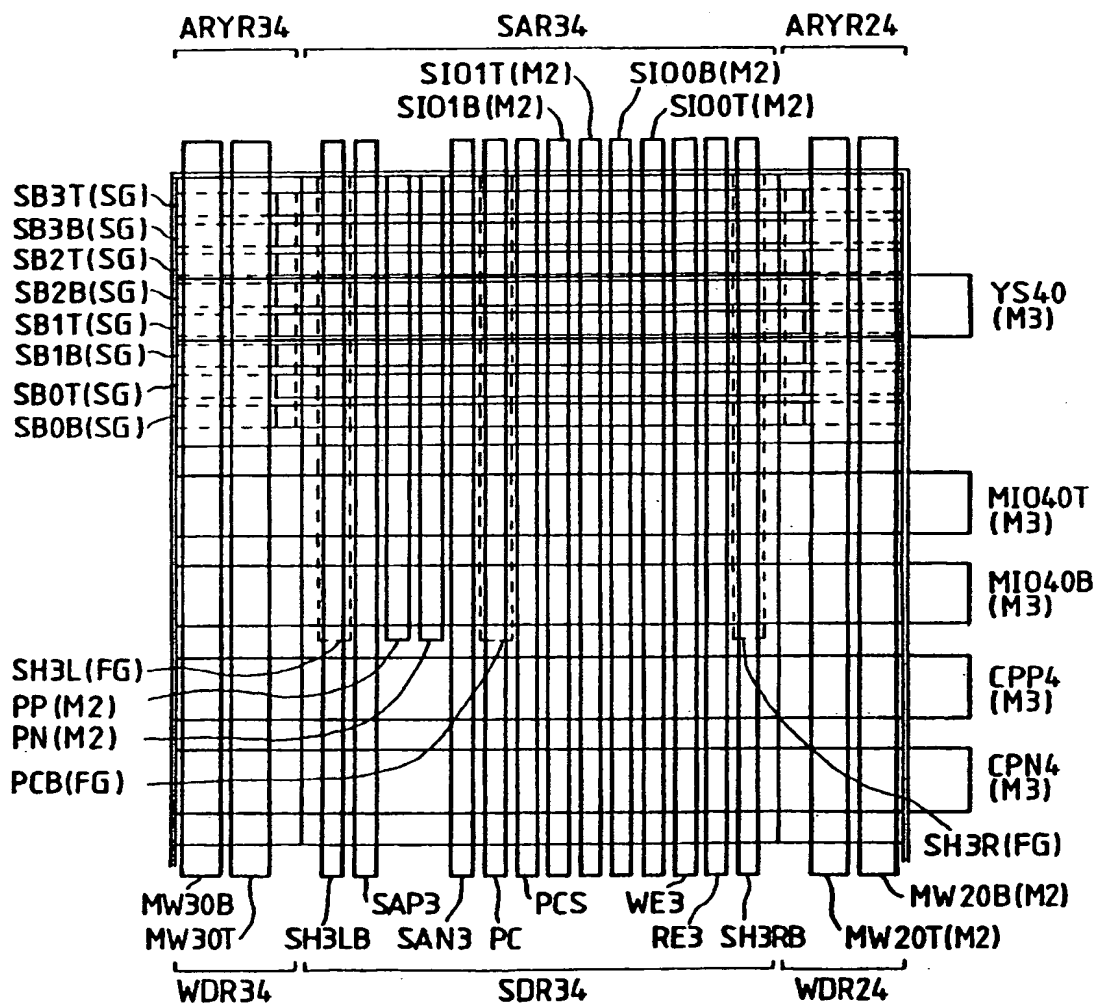
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FIG. 16



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FIG. 17



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FIG. 18

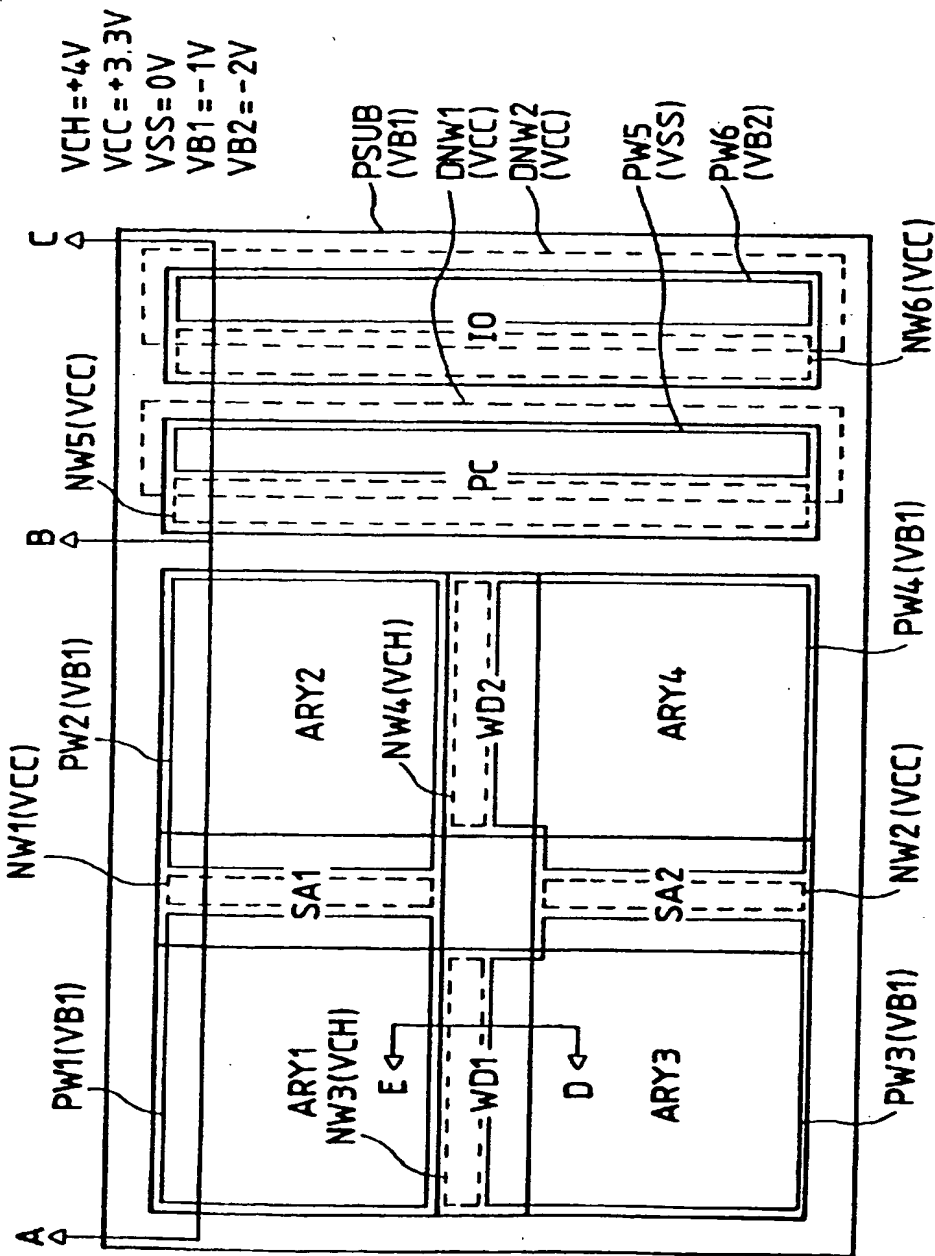


FIG. 19

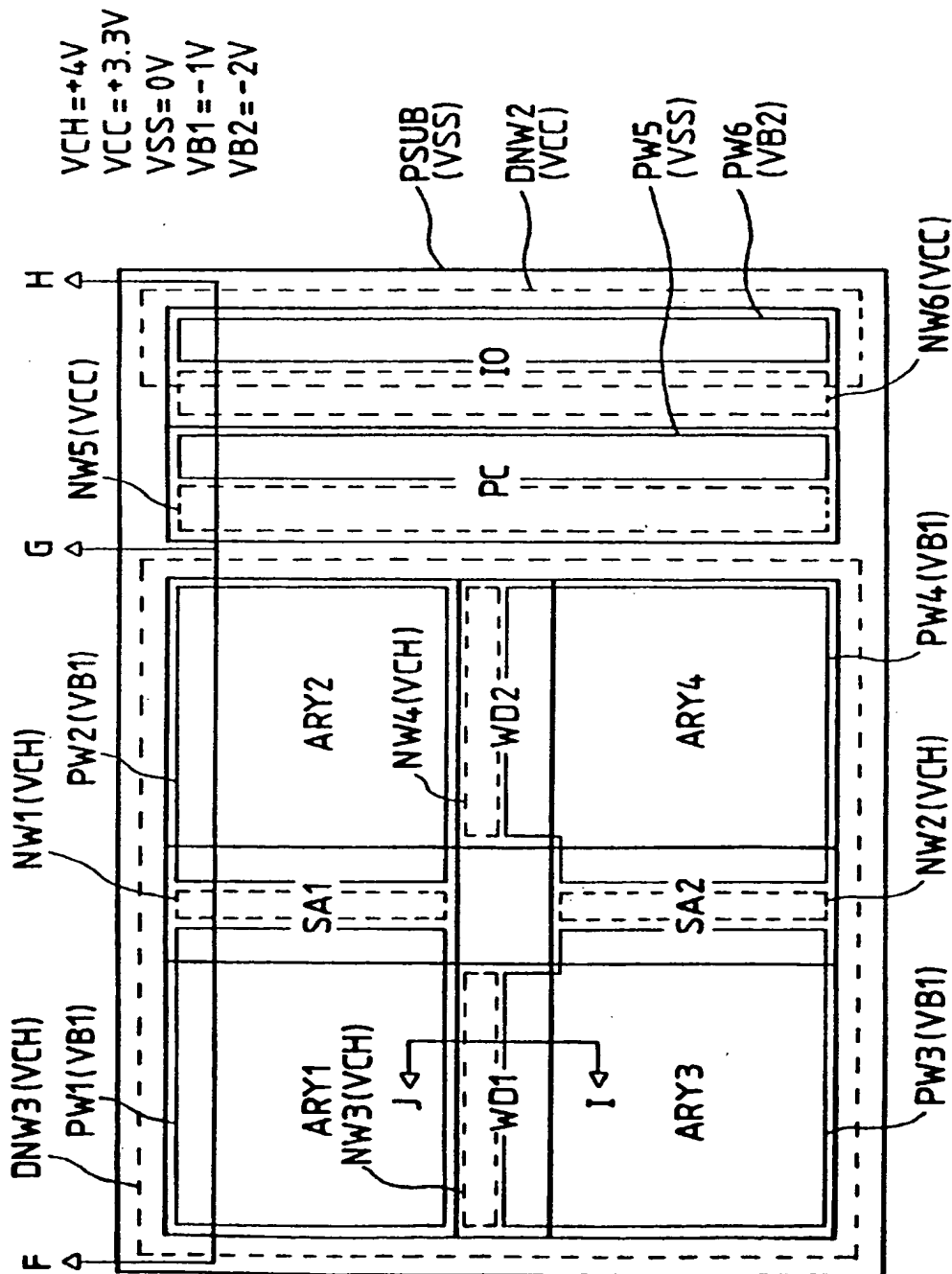


FIG. 20

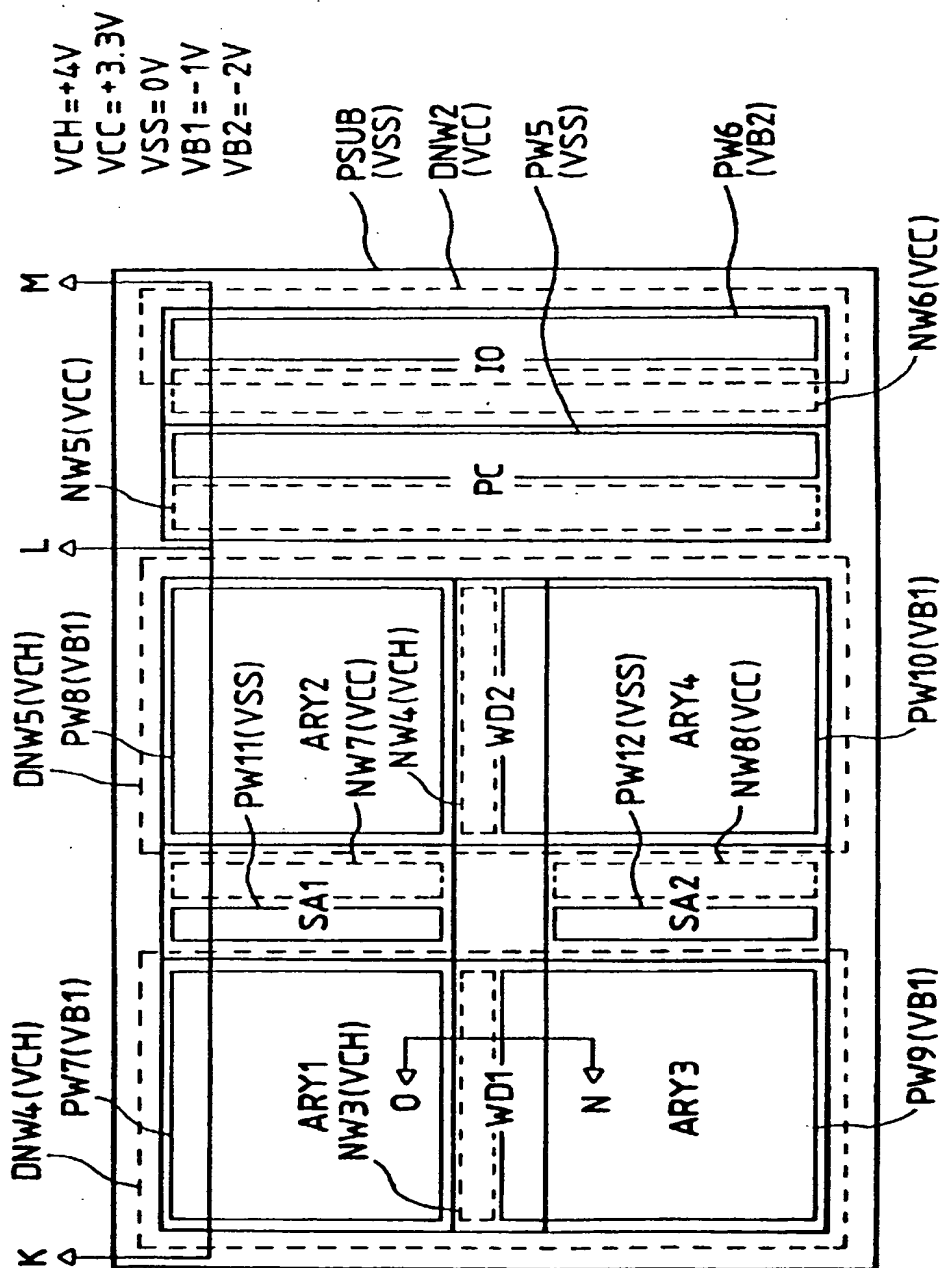


FIG. 21(A)

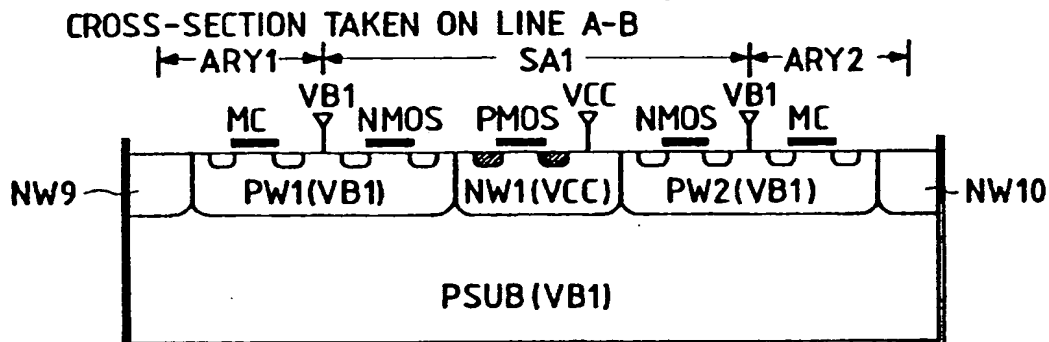


FIG. 21(B)

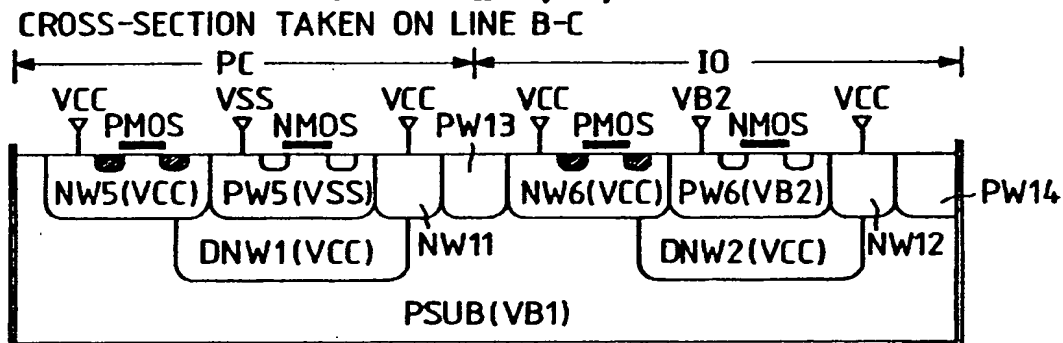
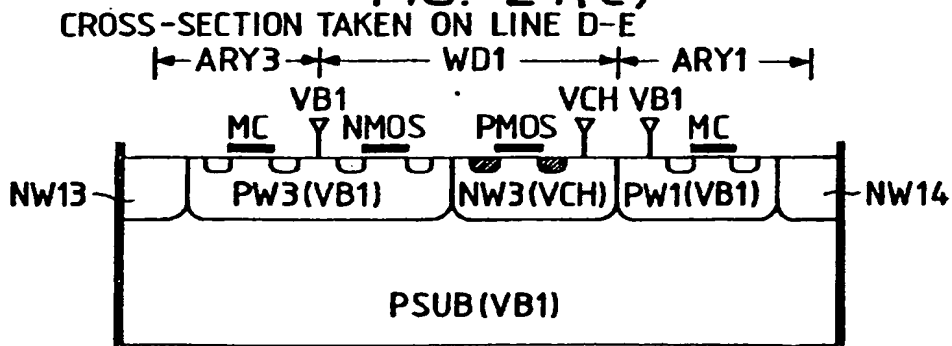




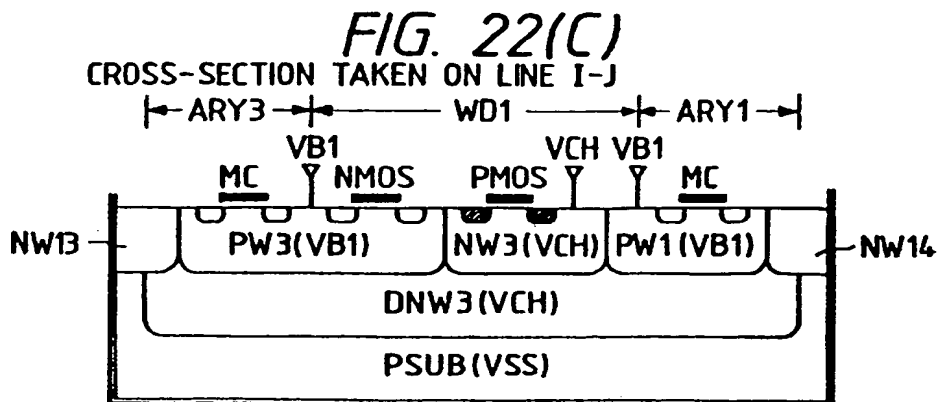
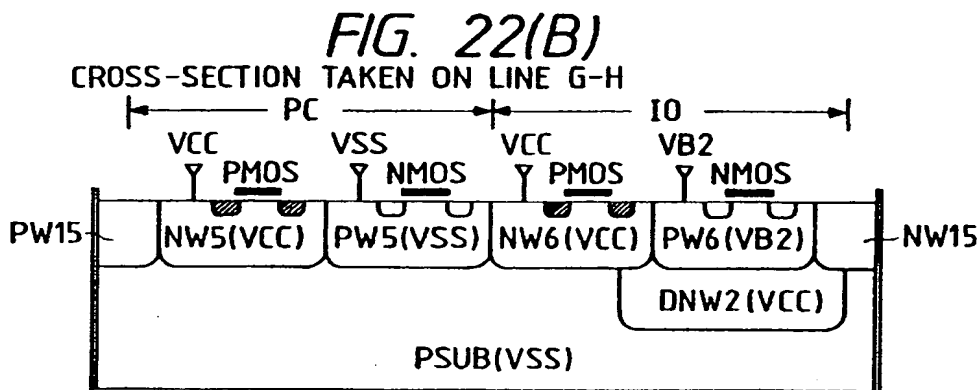
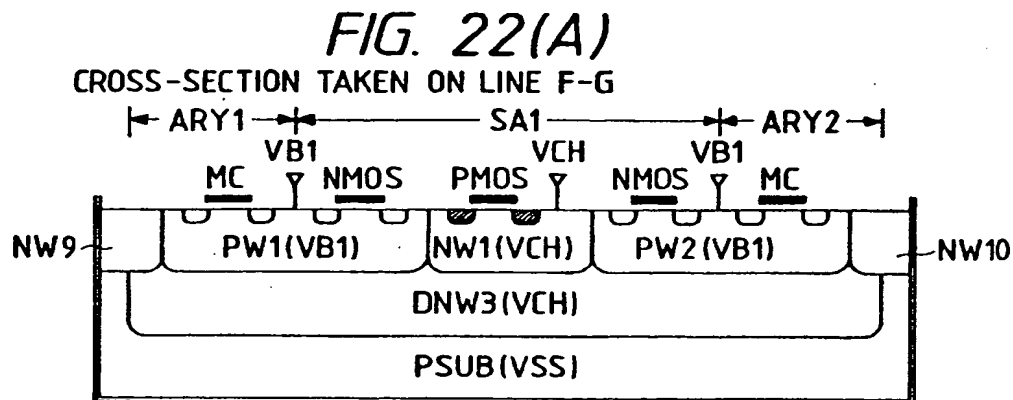
FIG. 21(C)




 : P<sup>+</sup> DIFFUSION LAYER
  : N<sup>+</sup> DIFFUSION LAYER

VCH=+4V VCC=+3.3V VSS=0V VB1=-1V VBB=-2V

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 : P<sup>+</sup> DIFFUSION LAYER
  : N<sup>+</sup> DIFFUSION LAYER

VCH=+4V VCC=+3.3V VSS=0V VB1=-1V VBB=-2V

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FIG. 23(A)

CROSS-SECTION TAKEN ON LINE K-L

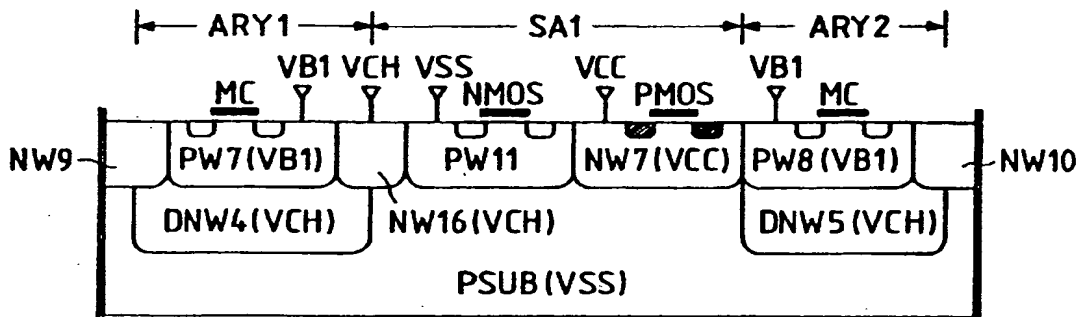


FIG. 23(B)

CROSS-SECTION TAKEN ON LINE L-M

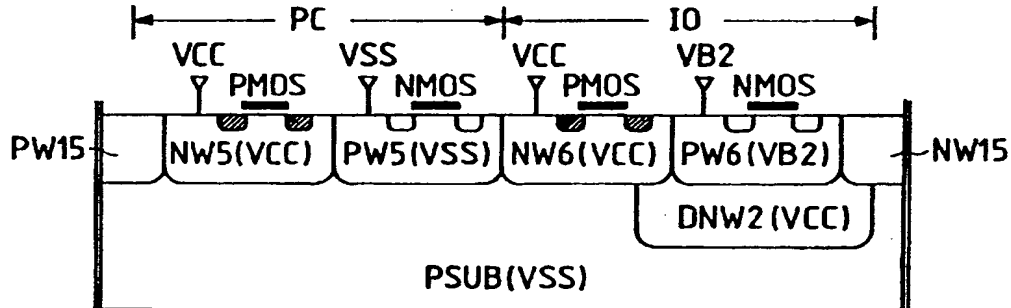
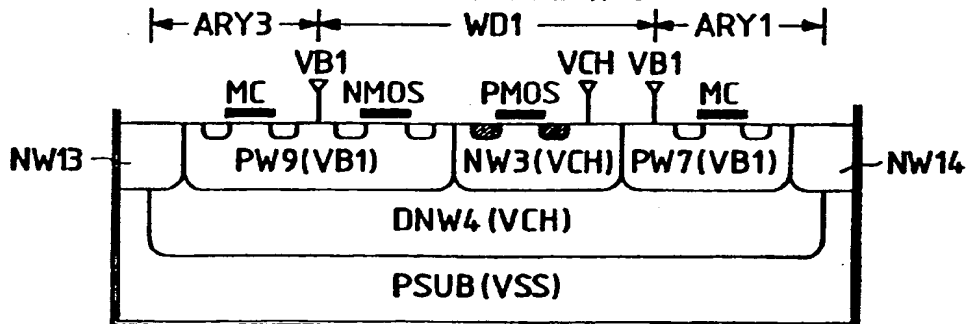


FIG. 23(C)

CROSS-SECTION TAKEN ON LINE N-O



■: P<sup>+</sup> DIFFUSION LAYER □: N<sup>+</sup> DIFFUSION LAYER

VCH=+4V VCC=+3.3V VSS=0V VB1=-1V VBB=-2V

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